

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| | | |
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| Applicant's or agent's file reference PA/LGE/03248 | FOR FURTHER ACTION | see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below. |
| International application No. PCT/KR03/00109 | International filing date (day/month/year) 17 JANUARY 2003 (17.01.2003) | (Earliest) Priority Date (day/month/year) |
| <p>Applicant LG ELECTRONICS INC. et al</p> | | |

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 4 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

contained in the international application in written form.

filed together with the international application in computer readable form.

furnished subsequently to this Authority in written form.

furnished subsequently to this Authority in computer readable form.

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. **Certain claims were found unsearchable** (See Box I).

3. **Unity of invention is lacking** (See Box II).

4. With regard to the title,

the text is approved as submitted by the applicant.

the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

the text is approved as submitted by the applicant.

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawing** to be published with the abstract is Figure No. 3

as suggested by the applicant.

because the applicant failed to suggest a figure.

because this figure better characterizes the invention.

None of the figures

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR03/00109

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 C08G 18/00, 18/18, 18/50

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C08G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean patents and applications for inventions since 1975Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
STN(CA) "polyol and toluene diamine and sucrose" and NPS "polyol and toluene diamine and sucrose"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | US 5840781 A (Dietrich et al.) 24 NOV 1998 See column 1 line 44-62, claim 1-8, abstract, example 1 | 1-3 |
| A | US 5883146 A (Tucker) 16 MAR 1999 See column 16 line 21-43 | 1-3 |
| A | US 5886062 A (Dietrich et al.) 23 MAR 1999 See column 2 line 42 - column 4 line 33, claim 1, 5, 7, abstract | 1-3 |
| A | US 6107359 A (Dietrich et al.) 22 AUG 2000 See claim 1, 6, example 1 | 1-3 |
| A | US 4780482 A (Krueger) 25 OCT 1988 See the whole document | 1-3 |
| A | US 4521548 A (Christen et al.) 4 JUN 1985 See claim 1, 7, 9, 10, example 1, 3 | 1-3 |
| A | EP 1018526 A (El Ghobary et al.) 12 JUN 2000 See claim 4 | 1-3 |

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:
 "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search

15 OCTOBER 2003 (15.10.2003)

Date of mailing of the international search report

16 OCTOBER 2003 (16.10.2003)

Name and mailing address of the ISA/KR


 Korean Intellectual Property Office
 920 Dunsan-dong, Seo-gu, Daejeon 302-701,
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INTERNATIONAL SEARCH REPORT



International application No.

PCT/KR03/00109

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| A | EP 1178062 A (Murayama et al.) 6 FEB 2002 See the whole document | 1-3 |
| A | EP 1172388 A (Nodelman et al.) 16 JAN 2002 See the whole document | 1-3 |

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR03/00109

| Patent document cited in search report | Publication date | Patent family member(s) | Publication date |
|--|------------------|---|--|
| US 5840781 A | 24-11-1998 | EP 805831 A1 BR 9606846 A | 12-11-1997 25-11-1997 |
| US 5883146 A | 16-03-1999 | CA 2165116 AA | 30-06-1996 |
| US 5886062 A | 23-03-1999 | DE 19634700 A1 CA 2213925 AA JP 10101763 A2 EP 826708 A1 | 05-03-1998 28-02-1998 21-04-1998 04-03-1998 |
| US 6107359 A | 22-08-2000 | NONE | |
| US 4780482 A | 25-10-1988 | CA 1307372 A1 EP 293589 A1 | 08-09-1992 07-12-1988 |
| US 4521548 A | 04-06-1985 | NONE | |
| EP 1018526 A1 | 12-07-2000 | JP 2000204135 A2 KR 2000053377 A CN 1267674 A MX 200000238 A | 25-07-2000 25-08-2000 27-09-2000 08-03-2003 |
| EP 1178062 A1 | 06-02-2002 | US 2002035166 A1 JP 2002114840 A2 CN 1339516 A | 21-03-2002 16-04-2002 13-03-2002 |
| EP 1172388 A1 | 16-01-2002 | US 6586487 B1 BR 2001002768 A JP 2002053641 A2 CN 1333302 A | 01-07-2003 26-01-2002 19-02-2002 30-01-2002 |
| — END OF LINE — | | | |